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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Larry Harris

Group Art Unit:

2815

Serial No.:

10/076,951

Examiner:

Unknown

Filed:

February 15, 2002

Atty. Dkt. No.:

011247.000003

Title: VOLTAGE ISOLATION BUFFER WITH HALL EFFECT MAGNETIC FIELD

SENSOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on the attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g)-(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Office Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). Therefore, no fees are believed to be due in connection with the filing of this Information Disclosure Statement; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Assistant Commissioner is hereby authorized to deduct said fees from Thompson & Knight L.L.P.'s Deposit Account No. 20-0821. Please reference Attorney Docket No. 011247.000003.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,

H. Lisa Calico

Reg. No. 43,725

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in Callin

ATTORNEYS FOR APPLICANT

Dated: May 17, 2002



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L.L.P.

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May 17, 2002



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H Lisa Calico

RE:

U.S. Patent Application Serial No. 10/076,951 entitled "VOLTAGE ISOLATION

BUFFER WITH HALL EFFECT MAGNETIC FIELD SENSOR"

Applicant: Larry L. Harris Our File No.: 011247.000003

Sir:

Enclosed for filing in the above-referenced patent application are the following:

- 1. Information Disclosure Statement (2 pages);
- 2. PTO Form PTO/SB/083 (3 sheets);
- 3. Copies of all references (A1-A14 and C1-C15); and
- 4. Return Receipt Postcard.

Should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is hereby authorized to deduct said fees from Thompson & Knight, L.L.P.'s Deposit Account No. 20-0821/011247.000003. Any overpayment should be credited to this account.

Commissioner for Patents May 17, 2002 Page 2

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

H. Lisa Calico

Reg. No. 43,725

HLC/ms

Encl: As above

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet of 3

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Complete if Known				
Application Number	10/076,951			
Filing Date	February 15, 2002			
First Named Inventor	Larry Harris			
Group Art Unit	2815			
Examiner Name				
Attorney Docket Number	011247.000003	,		

				U.S. PATENT DOC	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Egures Appear
	A1	4,020,294		Kitajewski et al	04-26-1977	
	A2	4,441,072		Rahman	04-03-1984	
	A3	4,514,685		Gilker	04-30-1985	
	A4	4,616,188		Stitt et al	10-07-1986	
	A5	4,760,285		Nelson	07-26-1988	
	A6	4,801,833		Dye	01-31-1989	
	Α7	4,833,406		Foster	05-23-1989	
	A8	5,055,768		Plagens	10-08-1991	
	A9	5,291,607		Ristic et al	03-01-1994	
	A10	5,604,433		Theus et al	02-18-1997	
	A11	5,627,398		Zlebir et al	05-06-1997	
	A12	5,834,973		Klatser et al	11-10-1998	
	A13	6,225,927		Scott et al	05-01-2001	
	A14	5,621,319		Bilotti et al	04-15-1997	
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	FOREIGN PATENT DOCUMENTS								
Examiner Cite Initials No.1		Foreign Patent Do		Code ⁵	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant		
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¹ Unique citation designation number: ² See attached Kinds of U.S. Patent Documents: ³ Enter Office that issued the document: by the two-letter code (WIPO Standard ST 3). For Japanese patent documents, the indication of the year of the Emperor must proceed the social number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16-f possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number 10/076,951

Filing Date February 15, 2002

First Named Inventor Larry Harris

Group Art Unit 2815

Examiner Name

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 Sheet
 2
 of
 3
 Attorney Docket Number
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OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²				
	C1	Micronas Data Sheet: "HAL114, HAL115, Hall Effect Sensor Family", 1999-12-20, 2nd Release. [online], [retrieved on about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C2	Micronas Data Sheet: "HAL11x, HAL5xx, HAL62x Data Sheet Supplement", 2000-07-04, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
-	C3	Micronas Data Sheet: "HAL300, Differential Hall Effect Sensor IC", 1998-07-15, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http:: documentation="" products="" sensors="" www.micronas.com=""></url:http::> .					
	C4	Micronas Data Sheet: "HAL320, Differential Hall Effect Sensor IC", 1998-07-15, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C5	Micronas Data Sheet: "HAL300, HAL320 Data Sheet Supplement" 2000-07-04, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C6	Micronas Data Sheet: "HAL525, HAL535 Hall Effect Sensor IC", 2000-08-30, 3rd Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C7	Micronas Data Sheet: "HAL556, HAL560, HAL566, Two-Wire Hall Effect Sensor Family", 2000-08-03, 2nd Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C8	Micronas Advanced Information: "HAL571, 573575, HAL581, 584, Two-Wire Hall Effect Sensor Family", 2000-10-11, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url: documentation="" http:="" products="" sensors="" www.micronas.com=""></url:> .					
	С9	Micronas Data Sheet: "HAL621, HAL629, Hall Effect Sensor Family", 2001-02-05, 2nd Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C 10	Micronas Preliminary Data Sheet: "HAL800 Programmable Linear Hall Effect Sensor", 1999-10-20, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					
	C 11	Micronas Preliminary Data Sheet: "HAL805 Programmable Linear Hall Effect Sensor", 2000-02-02, 1st Release. [online], [retrieved on or about 2002-02-08] Retrieved from the Internet <url:http: documentation="" products="" sensors="" www.micronas.com=""></url:http:> .					

Examiner	Date	
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Complete if Known Application Number 10/076,951 February 15, 2002 **Filing Date** Larry Harris First Named Inventor 2815 Group Art Unit **Examiner Name** Attorney Docket Number 011247.000003

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Micronas Advance Information: "HAL815 Programmable Linear Hall Effect Sensor", 2000-11-10, 1st Release. С [online], [retrieved on or about 2002-02-08] Retrieved from the Internet 12 <URL http://www.micronas.com/products/documentation/sensors/> Micronas Advance Information: "HAL1000 Programmable Hall Switch", 2000-05-31, 1st Release. [online], С [retrieved on or about 2002-02-08] Retrieved from the Internet 13 <URL:http://www.micronas.com/products/documentation/sensors/>. Maupin, J. T., Geskes, M.L. "The Hall Effect in Silicon Circuits" in: Symposiuim on Hall Effect and Its С Applications (New York, Plenum Press, 1979), pp. 421-445. 14 Micronas Product Overview: "Hall Effect Sensors-Sensors Overview and Systems Solutions", [online], С [retrieved on or about 2001-12-27] Retrieved from the Internet 15 <URL:http://www.micronas.com/products/documentation/sensors/>

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